

Title (en)
Low-pressure container and refrigerator comprising the same

Title (de)
Niederdruckbehälter und Kühlschrank damit

Title (fr)
Récipient basse pression et réfrigérateur comprenant celui-ci

Publication
EP 2664875 B1 20150708 (EN)

Application
EP 13167479 A 20130513

Priority
CN 201210162431 A 20120516

Abstract (en)
[origin: EP2664875A1] The present invention relates to a low-pressure container (7) for a refrigerator and a refrigerator having such low-pressure container. The low-pressure container (7) comprises: a main body (8); a door (10); a locking mechanism (34, 44) for locking the door (10) with the main body (8) when the door (10) is in a closed position, wherein the locking mechanism (34, 44) comprises at least a first mating part (34) located on the door (10) and a second mating part (44) located on the main body (8) and engaged and locked with the first mating part (34); and a handle (32) which is rotatable around a first rotational axis (X) and drives the first mating part (34) to rotate. According to the present invention, the low-pressure container further comprises a transmission mechanism (901, 902) by which the handle (32) drives the first mating part (34) to rotate around a second rotational axis (Y), and wherein the second rotational axis (Y) is not aligned with the first rotational axis (X).

IPC 8 full level
F25D 17/04 (2006.01); **E05B 65/00** (2006.01); **F25D 23/02** (2006.01); **F25D 25/00** (2006.01)

CPC (source: EP)
E05B 65/0042 (2013.01); **E05C 9/08** (2013.01); **F25D 23/025** (2013.01); **F25D 23/028** (2013.01); **F25D 17/042** (2013.01); **F25D 25/005** (2013.01); **F25D 2317/043** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2664875 A1 20131120; **EP 2664875 B1 20150708**; CN 103423952 A 20131204; CN 103423952 B 20170714

DOCDB simple family (application)
EP 13167479 A 20130513; CN 201210162431 A 20120516